

Figure 1

#### Figure 2

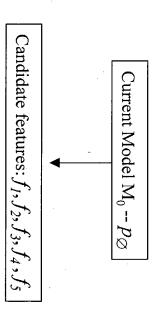
```
5. go to step 1.
                            [\Lambda'i]ums =+ [i]z
                      sum[i, y] \stackrel{=}{\sim} sum[i, y]
sum[i, y] \times = exp(\alpha^*)
   and f(x_i, y) = 1 do
           for instance i such that there is y
                            Model adjustment:
if termination condition is met, then stop
                                      \{f\} - H = H
                                      \{\mathcal{J}\} \cap S = S
                               Feature selection:
                                        \hat{f} = \hat{f}
                             8 = nisoxsM
                     if MaxGain < § then
                              \hat{S} = \max_{\alpha} G_{S \cap J}(\alpha)
                           \hat{\alpha} = \operatorname{argmax} G_{S \cup J}(\alpha)
                     for f in feature space F do
                                      0 = misDxsM
                             Gain computation:
                                          Y = [I..I]z
      I = [Y...I, I...I] mus, \infty = S :satisfyin!
```

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#### Figure 3

```
go to step 1.
                               [\Lambda'i]uns = + [i]z
                        snw[i, y] \times = exp(\alpha)
                                [\Lambda'i]uns_{=-}[i]z
   \mathbf{op} \ \mathsf{l} = (\mathsf{d}_{i} x) f \mathsf{pup}
            for instance i such that there is y
                              Model adjustment:
if termination condition is met, then stop
                                         \{f\} - H = H
                                        \{f\} \cap S = S
                                 Feature selection:
                               \hat{s} = nisOxsM
                      nodt 8 > nis Dxs M li
                                           \hat{s} = [i]s
                               \hat{S} = \max_{\alpha} G_{S \cup J}(\alpha)
                          \ddot{\mathbf{\alpha}} = \operatorname{arg} \operatorname{max} \, \mathrm{G}^{2 \cap 1}(\mathbf{\alpha})
    \Omega = Max \Omega  and \Omega = Max \Omega 
                     \{|A|, \dots, []S\} \lim_{A \text{ in } Q} are = \mathcal{U}
                                         MaxGain = 0
                               Gain computation:
  \{(0, \exists) \S, ..., (0, 1) \S\} = [\exists ... 1] \S, Y = [I, I] S
```

# Initialization



igure 4

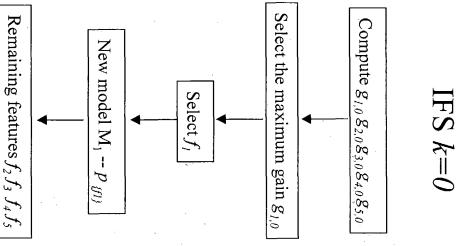


Figure 5A

# SGC k=0

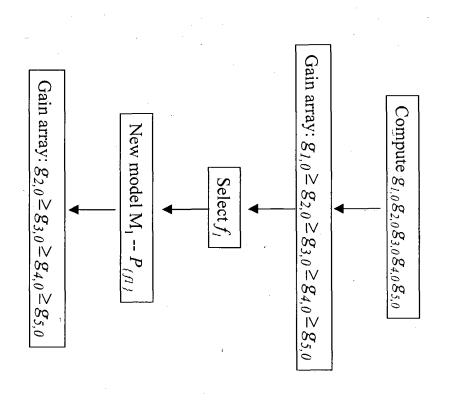


Figure 5B

### IFS k=1

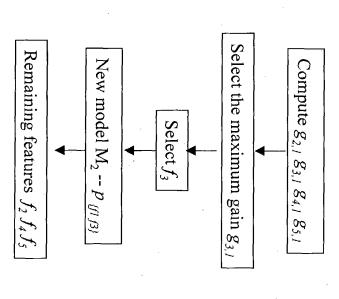


Figure 6A

## SGC k=1

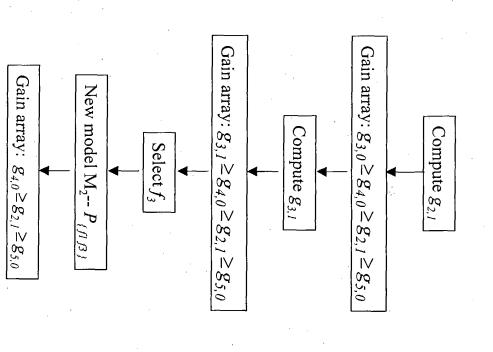


Figure 6B

### IFS k=2

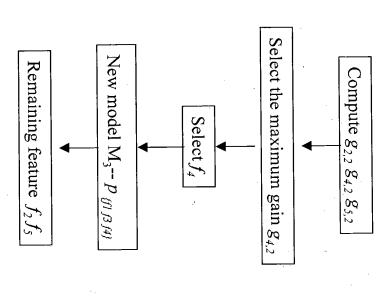


Figure 7A

# SGC *k*=2

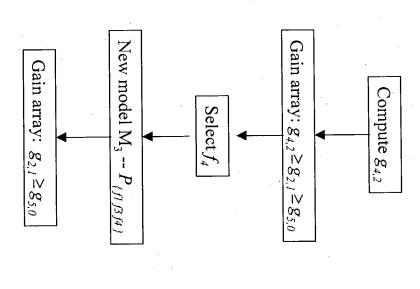


Figure 7B

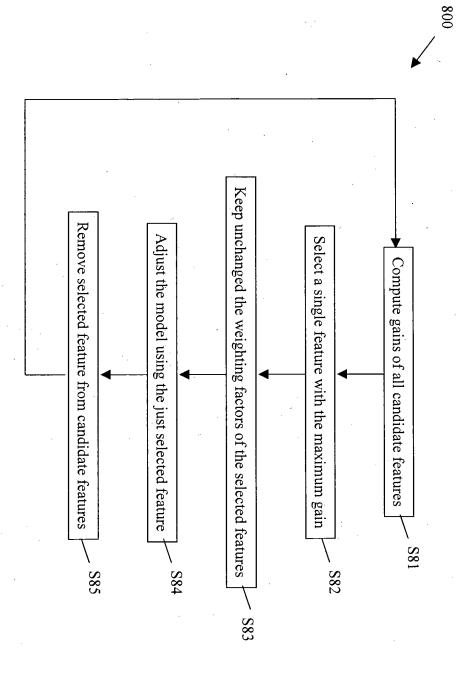


Figure 8

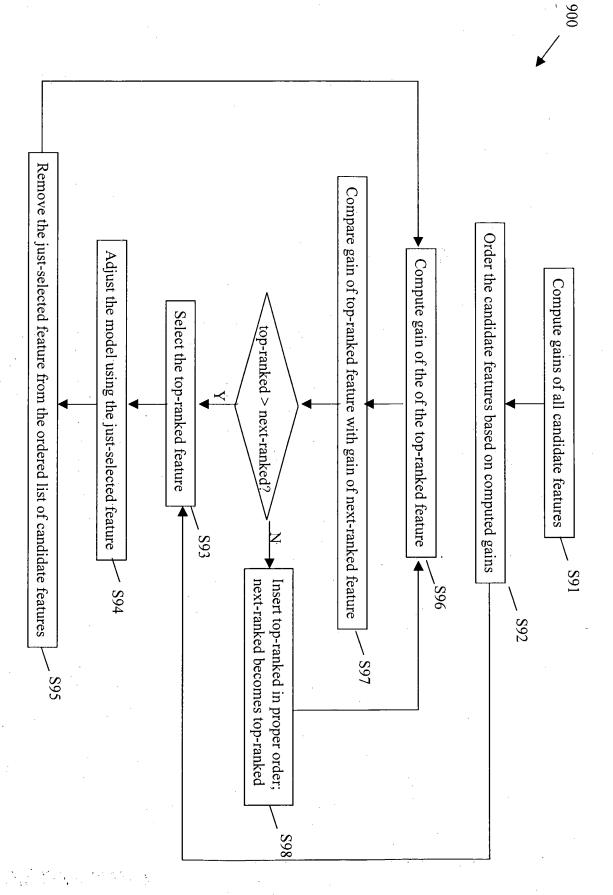


Figure 9

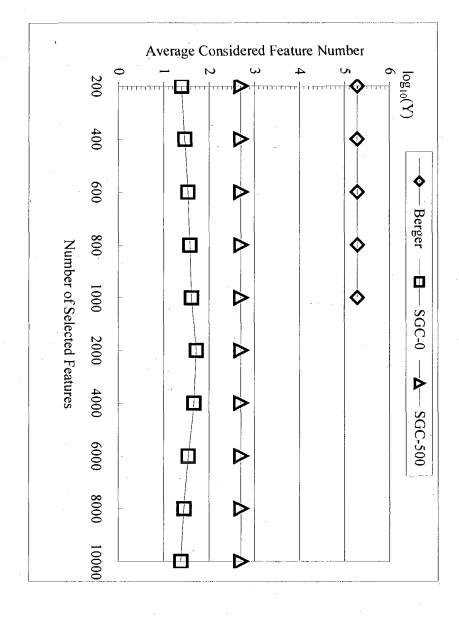


Figure 10

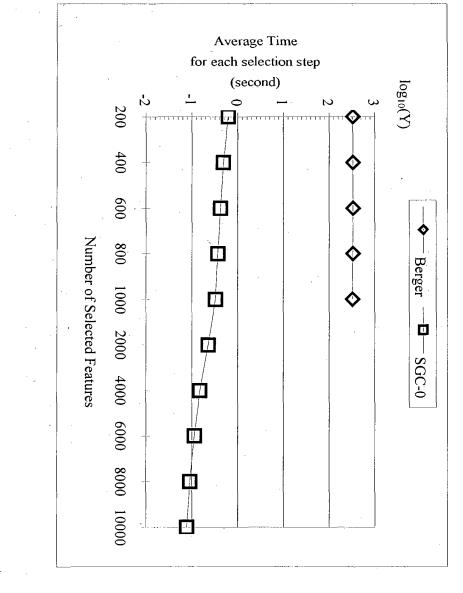


figure 11

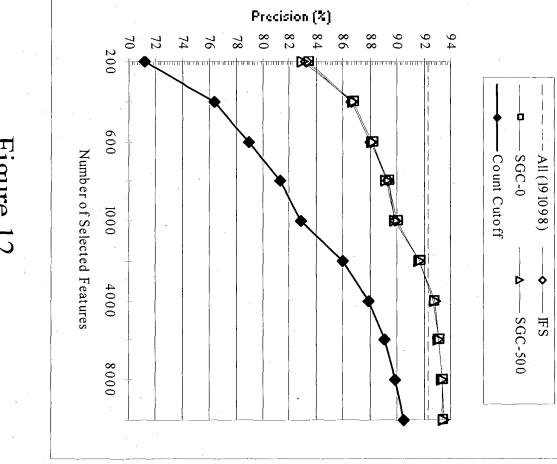


Figure 12